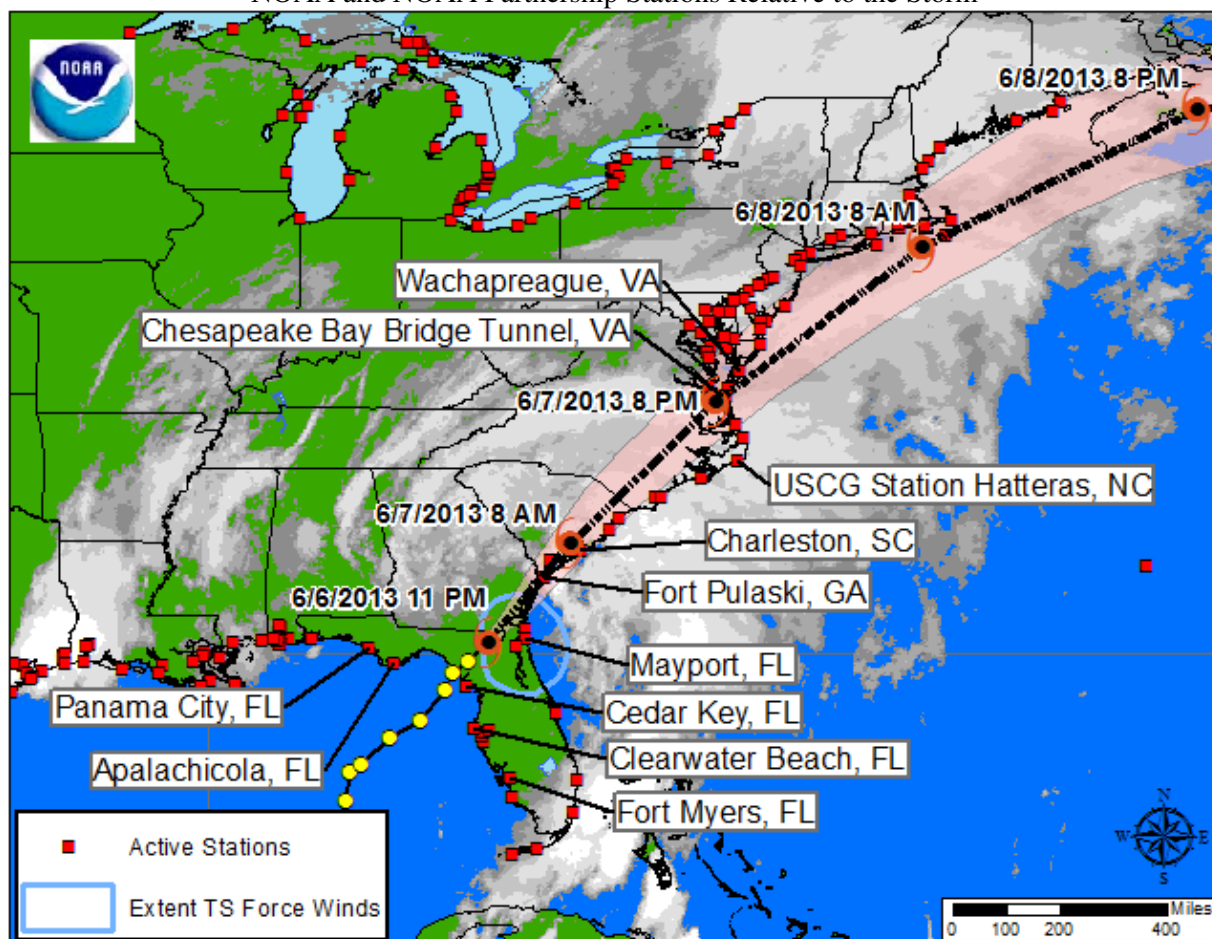




Tropical Storm ANDREA QuickLook
Posted: 00:00 EDT 06/07/2013

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 06/07/2013 00:00 EDT, water levels along the Gulf Coast of Florida are returning to normal, and they are slowly rising along the East Coast from northern Florida to Southern Virginia. Stations along the Gulf Coast of Florida range from 0.3 to 1.6 feet above tidal predictions. Please note that water levels across this region have already been elevated by up to half a foot over the past week. Along the East Coast, water levels are up to 1.2 feet above tidal predictions. Winds are decreasing along the Gulf Coast, with gusts of 20-25 knots being observed in Cedar Key and Clearwater Beach, FL. Winds are increasing from northern Florida to South Carolina and range between 15-20 knots, with gusts up to 25 knots. Barometric pressure is rising along the Gulf Coast and falling along the East Coast.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water are:

Tropical Storm ANDREA QuickLook, POSTED 00:00 EDT 06/07/2013

Mayport (Bar Pilots Dock), FL: Next predicted high tides are 4.0 ft (1.23 m) at 06/07/2013 08:37 EDT and 4.9 ft (1.51 m) at 06/07/2013 21:00 EDT.

Fort Pulaski, GA: Next predicted high tides are 6.4 ft (1.96 m) at 06/07/2013 07:57 EDT and 7.7 ft (2.37 m) at 06/07/2013 20:14 EDT.

Charleston, SC: Next predicted high tides are 4.8 ft (1.46 m) at 06/07/2013 07:48 EDT and 5.9 ft (1.82 m) at 06/07/2013 20:09 EDT.

USCG Station Hatteras, NC: Next predicted high tides are 0.1 ft (0.03 m) at 06/07/2013 08:27 EDT and 0.1 ft (0.03 m) at 06/07/2013 21:10 EDT.

Chesapeake Bay Bridge Tunnel, VA: Next predicted high tides are 2.3 ft (0.70 m) at 06/07/2013 08:19 EDT and 2.9 ft (0.90 m) at 06/07/2013 20:34 EDT.

Wachapreague, VA: Next predicted high tides are 3.8 ft (1.17 m) at 06/07/2013 08:10 EDT and 4.8 ft (1.48 m) at 06/07/2013 20:44 EDT.

Fort Myers, FL: Next predicted high tides are 0.7 ft (0.23 m) at 06/07/2013 04:42 EDT and 1.5 ft (0.46 m) at 06/07/2013 15:18 EDT.

Clearwater Beach, FL: Next predicted high tides are 1.9 ft (0.57 m) at 06/07/2013 00:35 EDT and 3.0 ft (0.92 m) at 06/07/2013 10:59 EDT.

Cedar Key, FL: Next predicted high tides are 3.3 ft (0.99 m) at 06/07/2013 02:19 EDT and 4.1 ft (1.28 m) at 06/07/2013 13:21 EDT.

Apalachicola, FL: Next predicted high tides are 1.4 ft (0.42 m) at 06/07/2013 06:02 EDT and 1.7 ft (0.51 m) at 06/07/2013 14:25 EDT.

Panama City, FL: Next predicted high tides are 1.6 ft (0.48 m) at 06/07/2013 09:25 CDT and 1.6 ft (0.49 m) at 06/08/2013 10:01 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:CMF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM ANDREA ADVISORY NUMBER 6
1100 PM EDT THU JUN 06 2013

...ANDREA WEAKENING SLOWLY AS HEAVY RAINS CONTINUE WELL AWAY FROM THE CENTER...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

THE TROPICAL STORM WARNING HAS BEEN DISCONTINUED FOR THE WEST COAST OF THE FLORIDA PENINSULA.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

- * FLAGLER BEACH FLORIDA TO CAPE CHARLES LIGHT VIRGINIA
- * PAMLICO AND ALBEMARLE SOUNDS
- * LOWER CHESAPEAKE BAY SOUTH OF NEW POINT COMFORT

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1100 PM EDT THE CENTER OF TROPICAL STORM ANDREA WAS LOCATED ABOUT 40 MI W OF JACKSONVILLE FLORIDA OR ABOUT 65 MI ESE OF VALDOSTA GEORGIA. ANDREA IS MOVING TOWARD THE NORTHEAST NEAR 15 MPH. THIS GENERAL MOTION IS EXPECTED TO CONTINUE FOR THE NEXT COUPLE OF DAYS WITH AN INCREASE IN FORWARD SPEED. ON THE FORECAST TRACK THE CENTER OF ANDREA WILL MOVE FROM NORTH FLORIDA INTO SOUTHEAST GEORGIA OVERNIGHT AND THEN MOVE NEAR THE EAST COAST OF THE UNITED STATES THROUGH SATURDAY.

MAXIMUM SUSTAINED WINDS HAVE DECREASED TO NEAR 45 MPH WITH HIGHER GUSTS. LITTLE CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 48 HOURS...AND ANDREA IS EXPECTED TO LOSE TROPICAL CHARACTERISTICS BY FRIDAY NIGHT.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES MAINLY TO THE EAST OF THE CENTER OVER WATER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 993 MB.

HAZARDS AFFECTING LAND

RAINFALL...ANDREA IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 3 TO 6 INCHES OVER EASTERN GEORGIA...EASTERN SOUTH CAROLINA AND EASTERN NORTH CAROLINA...WITH ISOLATED MAXIMUM AMOUNTS AROUND 8 INCHES POSSIBLE. TOTAL RAIN ACCUMULATIONS OF 2 TO 4 INCHES ARE ALSO EXPECTED ALONG THE EASTERN SEABOARD FROM EASTERN VIRGINIA TO EASTERN MAINE. ADDITIONAL RAIN TOTALS OF 1 TO 3 INCHES ARE EXPECTED IN OUTER BANDS WELL TO THE SOUTH AND EAST OF THE CENTER OF ANDREA OVER THE SOUTHERN FLORIDA PENINSULA AND THE FLORIDA KEYS.

STORM SURGE...THE COMBINATION OF STORM SURGE AND THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING HEIGHTS ABOVE GROUND IF THE PEAK SURGE OCCURS AT THE TIME OF HIGH TIDE...

FLAGLER BEACH NORTH TO CAPE CHARLES LIGHT...1 TO 2 FT

WATERS LEVELS ARE FALLING ALONG THE WEST COAST OF FLORIDA. HOWEVER PERSISTENT ONSHORE FLOW COULD CAUSE MINOR COASTAL FLOODING DURING THE NEXT HIGH TIDE OVERNIGHT.

THE DEEPEST WATER WILL OCCUR ALONG THE IMMEDIATE COAST. SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE.

WIND...TROPICAL STORM CONDITIONS WILL GRADUALLY SPREAD NORTHEASTWARD IN THE WARNING AREA ALONG THE U.S. EAST COAST DURING THE NEXT 24 HOURS.

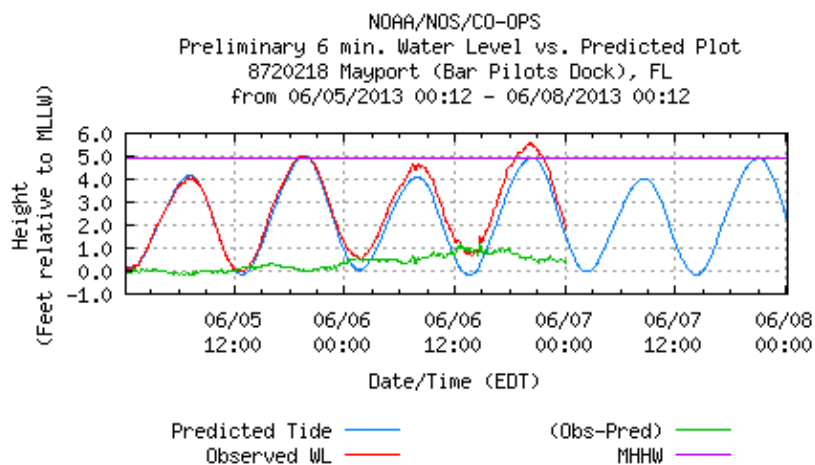
TORNADOES...A COUPLE OF TORNADOES ARE POSSIBLE OVERNIGHT OVER COASTAL PORTIONS OF GEORGIA...SOUTH CAROLINA...AND NORTH CAROLINA. A FEW TORNADOES ARE POSSIBLE ON FRIDAY FROM EASTERN SOUTH CAROLINA NORTHWARD TO COASTAL VIRGINIA.

FORECASTER BRENNAN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Winds](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Barometric](#), [Charleston - Water Level](#), [Charleston - Winds](#), [Charleston - Barometric](#), [USCG Station Hatteras - Water Level](#), [USCG Station Hatteras - Winds](#), [USCG Station Hatteras - Barometric](#), [Chesapeake Bay Bridge Tunnel - Water Level](#), [Chesapeake Bay Bridge Tunnel - Winds](#), [Chesapeake Bay Bridge Tunnel - Barometric](#), [Wachapreague - Water Level](#), [Wachapreague - Winds](#), [Wachapreague - Barometric](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Fort Myers - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Apalachicola - Winds](#), [Apalachicola - Water Level](#), [Apalachicola - Barometric](#), [Panama City - Water Level](#), [Panama City - Barometric](#), [Panama City - Winds](#)

Mayport (Bar Pilots Dock), FL - Return to List

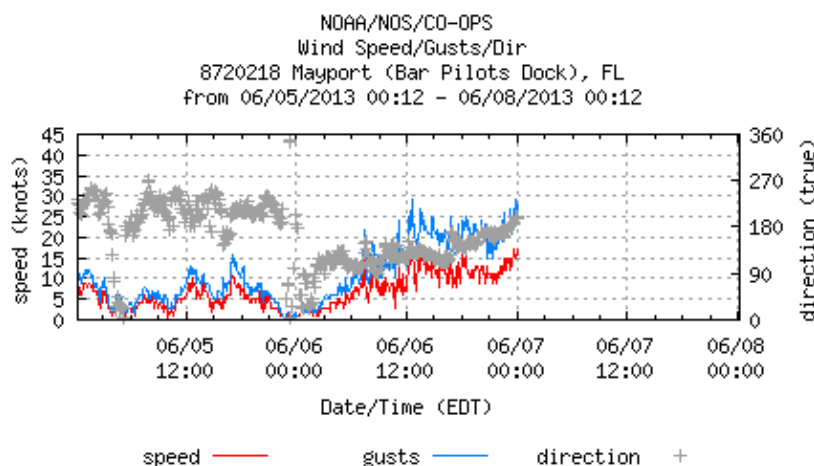


Last Observed Sample: 06/07/2013 00:06 (EDT)

Relative to MLLW: **Observed: 1.80 ft.** **Predicted: 1.46 ft.** **Residual: 0.34 ft.**

Historical Maximum Water Level: Sep 27 2004, 7.42 ft. above MLLW

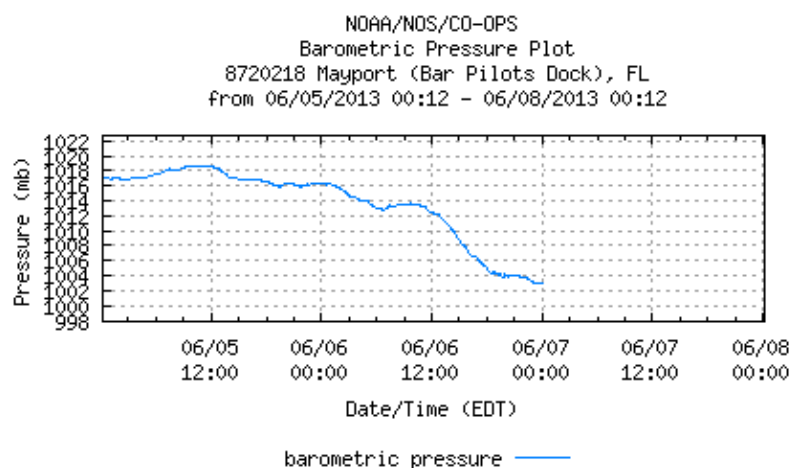
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 06/07/2013 00:06 (EDT)

Wind Speed: 16 knots **Gusts: 23 knots** **Direction: 198° T**

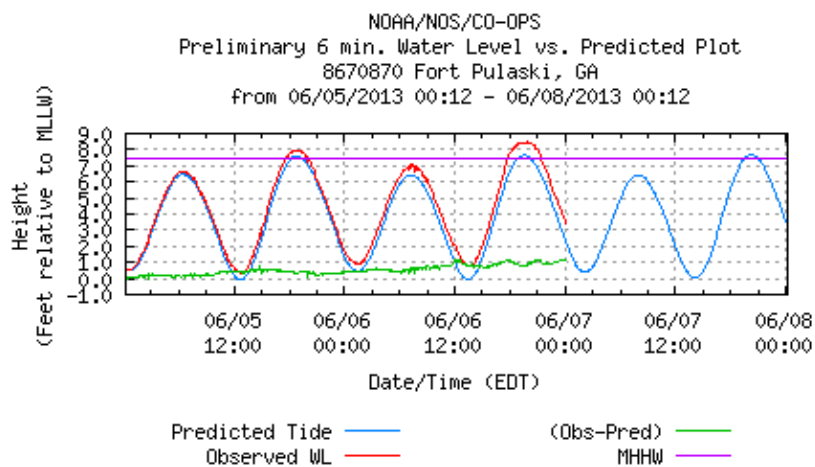
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 06/07/2013 00:06 (EDT)

Barometric Pressure: 1003.1 mb

Fort Pulaski, GA - Return to List

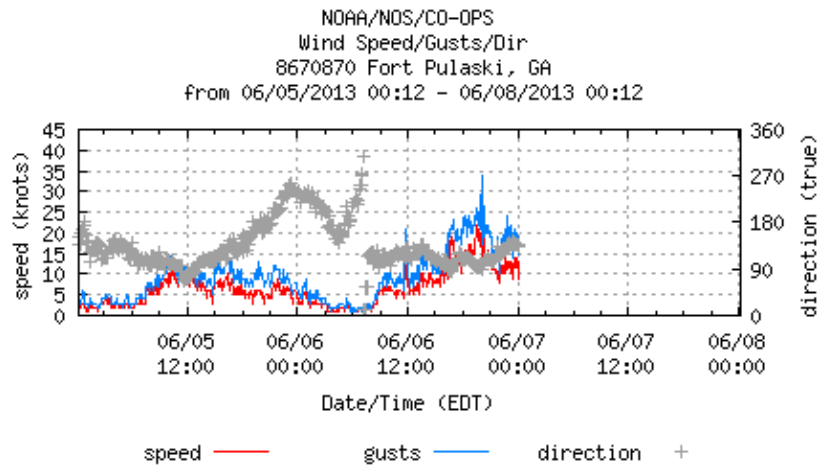


Last Observed Sample: 06/07/2013 00:06 (EDT)

Relative to MLLW: **Observed: 3.42 ft.** **Predicted: 2.22 ft.** **Residual: 1.20 ft.**

Historical Maximum Water Level: Oct 15 1947, 10.90 ft. above MLLW

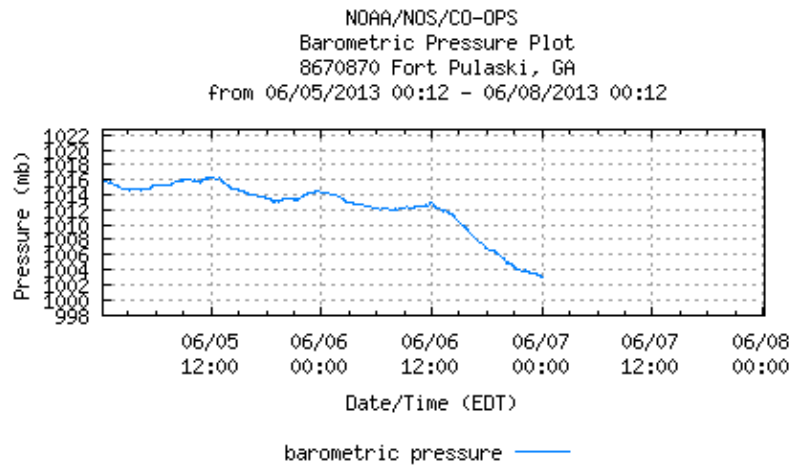
Fort Pulaski, GA - Return to List



Last Observed Sample: 06/07/2013 00:06 (EDT)

Wind Speed: 13 knots Gusts: 19 knots Direction: 138° T

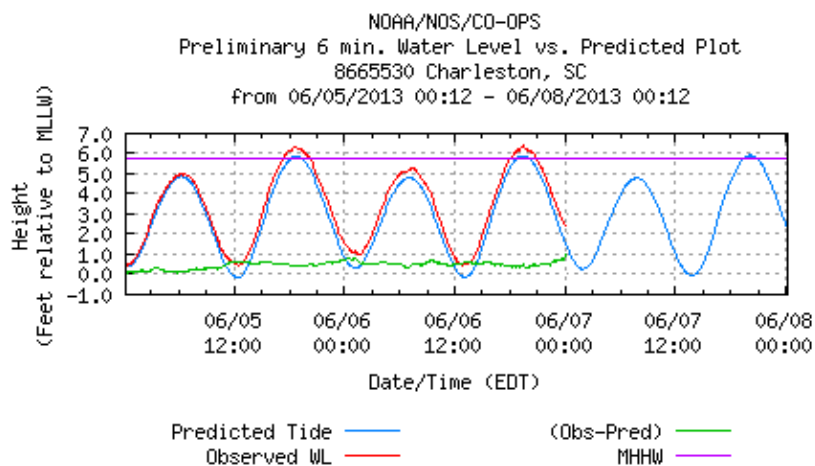
Fort Pulaski, GA - Return to List



Last Observed Sample: 06/07/2013 00:06 (EDT)

Barometric Pressure: 1002.9 mb

[Charleston, SC - Return to List](#)

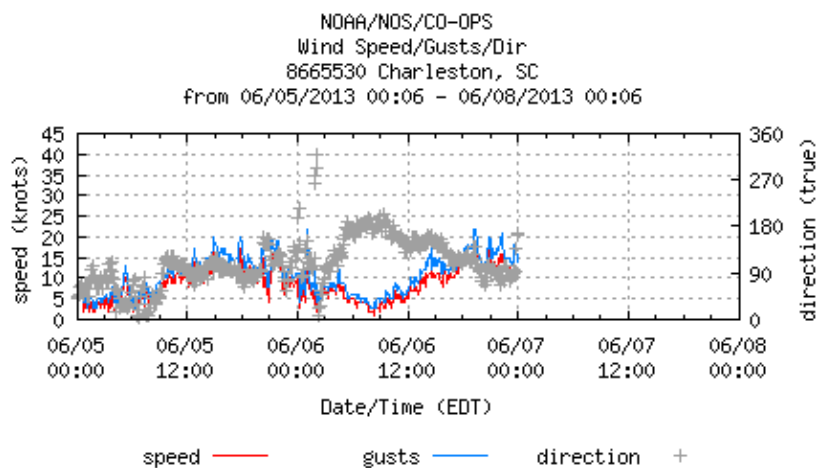


Last Observed Sample: 06/07/2013 00:06 (EDT)

Relative to MLLW: **Observed: 2.42 ft.** **Predicted: 1.46 ft.** **Residual: 0.96 ft.**

Historical Maximum Water Level: Sep 21 1989, 12.52 ft. above MLLW

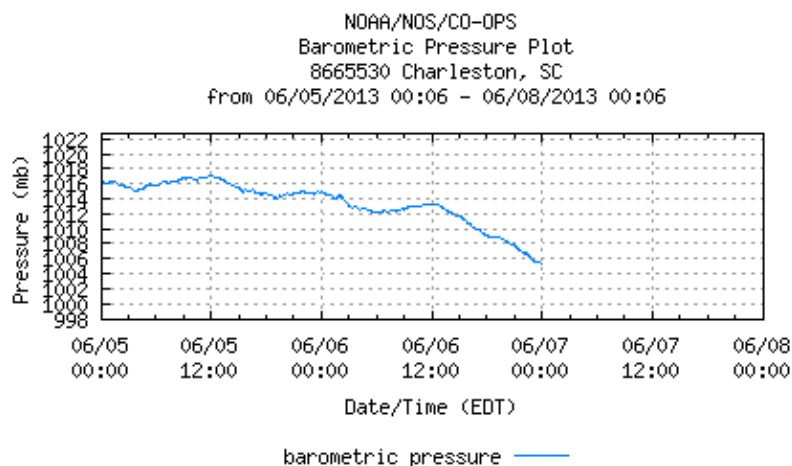
[Charleston, SC - Return to List](#)



Last Observed Sample: 06/07/2013 00:06 (EDT)

Wind Speed: 13 knots **Gusts: 16 knots** **Direction: 164° T**

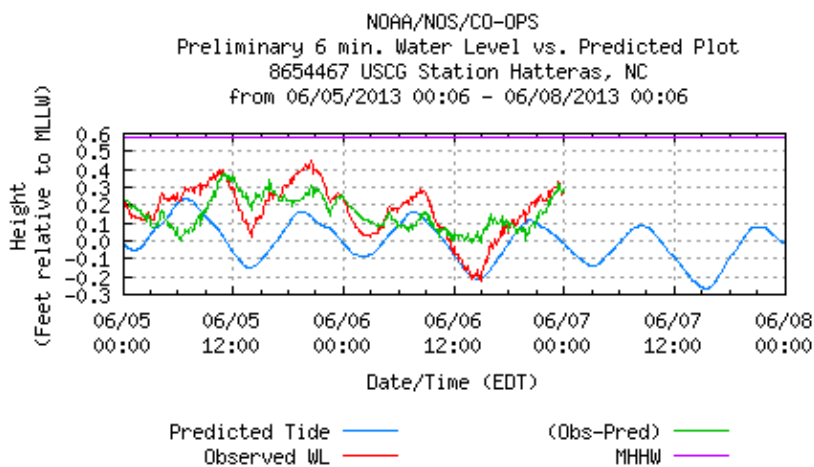
Charleston, SC - Return to List



Last Observed Sample: 06/07/2013 00:06 (EDT)

Barometric Pressure: 1005.1 mb

USCG Station Hatteras, NC - Return to List

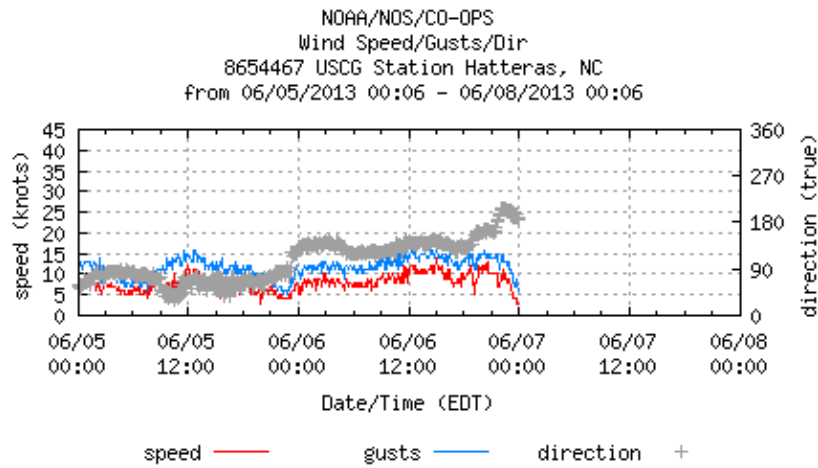


Last Observed Sample: 06/07/2013 00:06 (EDT)

Relative to MLLW: **Observed: 0.28 ft.** **Predicted: -0.02 ft.** **Residual: 0.30 ft.**

Historical Maximum Water Level: Oct 29 2012, 4.73 ft. above MLLW

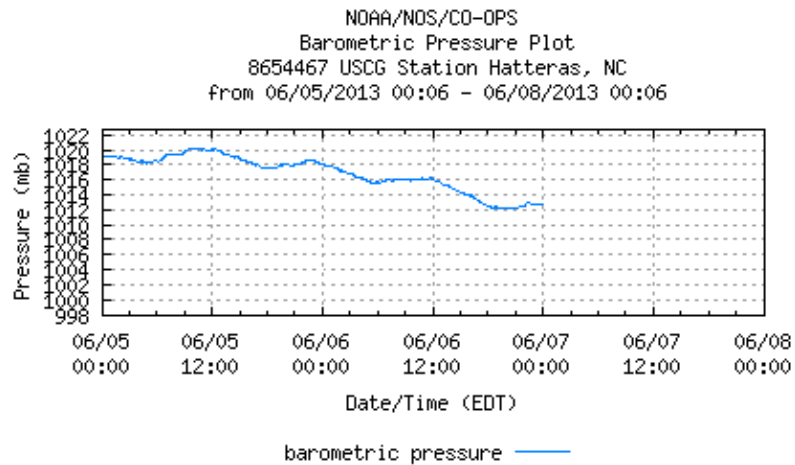
USCG Station Hatteras, NC - Return to List



Last Observed Sample: 06/07/2013 00:06 (EDT)

Wind Speed: 3 knots Gusts: 6 knots Direction: 180° T

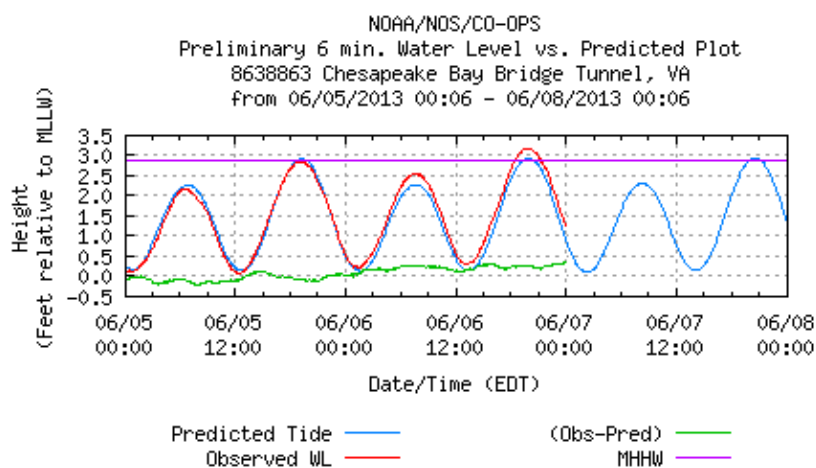
USCG Station Hatteras, NC - Return to List



Last Observed Sample: 06/07/2013 00:06 (EDT)

Barometric Pressure: 1012.7 mb

Chesapeake Bay Bridge Tunnel, VA - Return to List

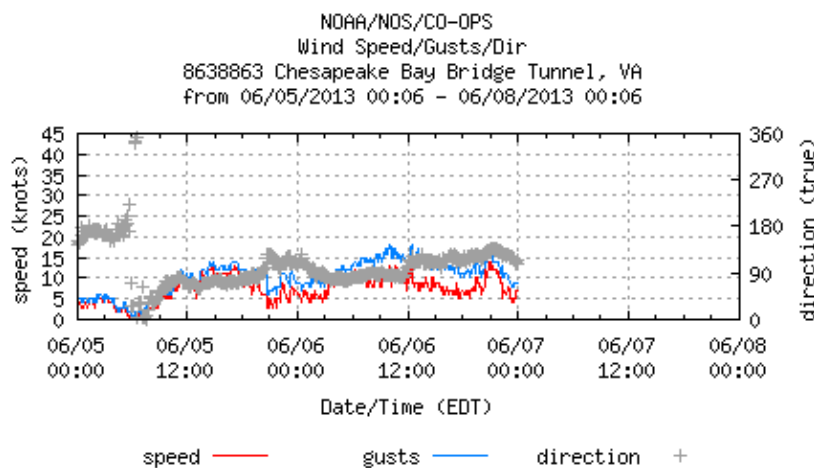


Last Observed Sample: 06/07/2013 00:06 (EDT)

Relative to MLLW: **Observed: 1.20 ft.** **Predicted: 0.82 ft.** **Residual: 0.38 ft.**

Historical Maximum Water Level: Nov 12 2009, 7.56 ft. above MLLW

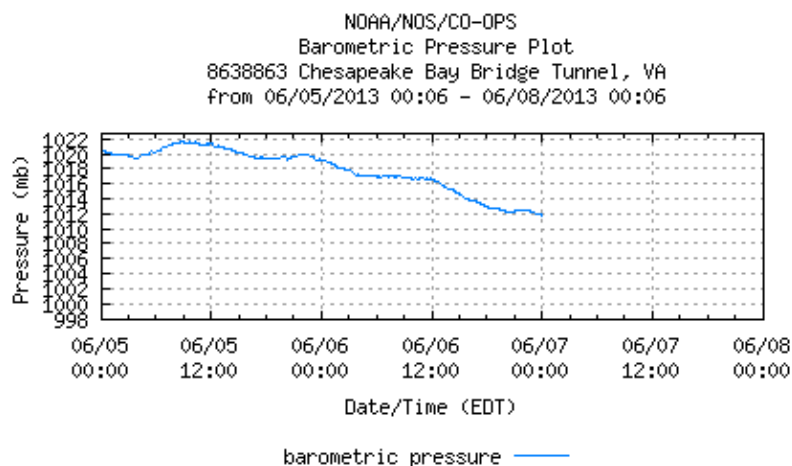
Chesapeake Bay Bridge Tunnel, VA - Return to List



Last Observed Sample: 06/07/2013 00:06 (EDT)

Wind Speed: 5 knots **Gusts: 8 knots** **Direction: 105° T**

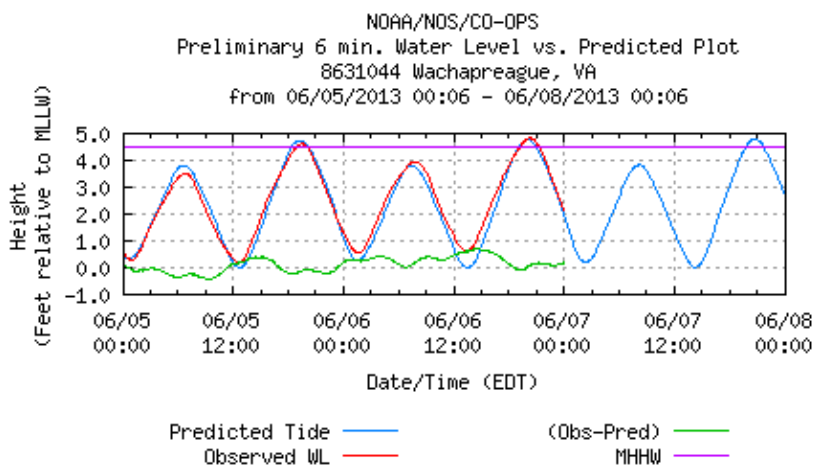
Chesapeake Bay Bridge Tunnel, VA - Return to List



Last Observed Sample: 06/07/2013 00:06 (EDT)

Barometric Pressure: 1011.7 mb

Wachapreague, VA - Return to List

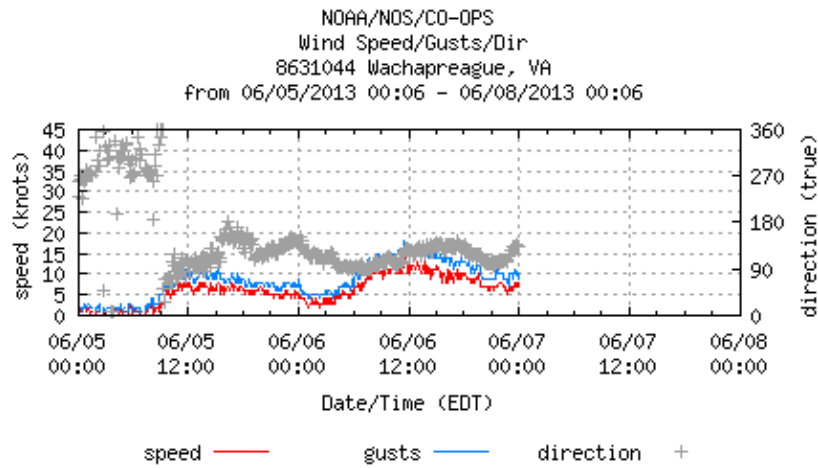


Last Observed Sample: 06/07/2013 00:06 (EDT)

Relative to MLLW: **Observed: 2.04 ft.** **Predicted: 1.82 ft.** **Residual: 0.22 ft.**

Historical Maximum Water Level: Feb 5 1998, 8.92 ft. above MLLW

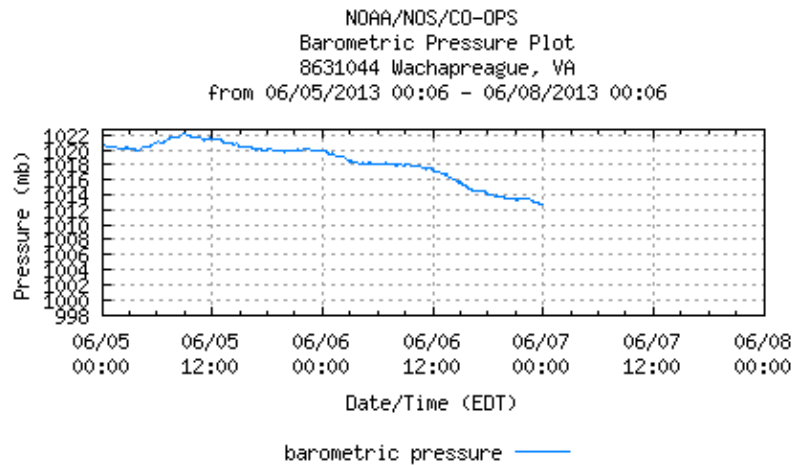
Wachapreague, VA - Return to List



Last Observed Sample: 06/07/2013 00:06 (EDT)

Wind Speed: 7 knots Gusts: 10 knots Direction: 134° T

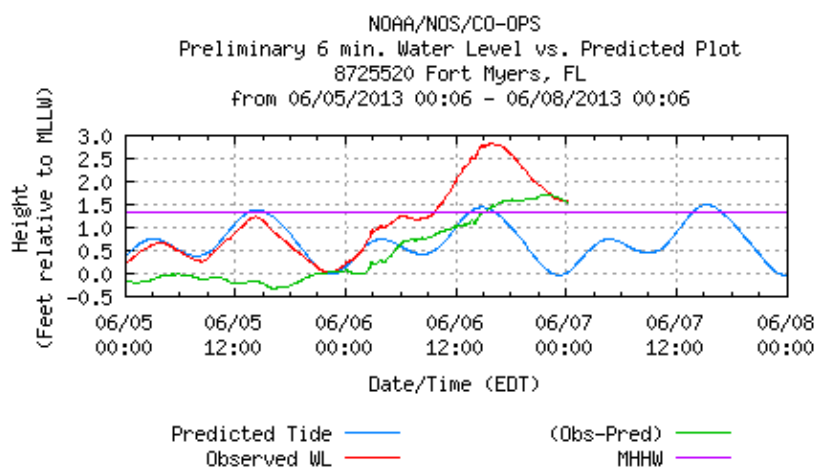
Wachapreague, VA - Return to List



Last Observed Sample: 06/07/2013 00:06 (EDT)

Barometric Pressure: 1012.6 mb

Fort Myers, FL - Return to List

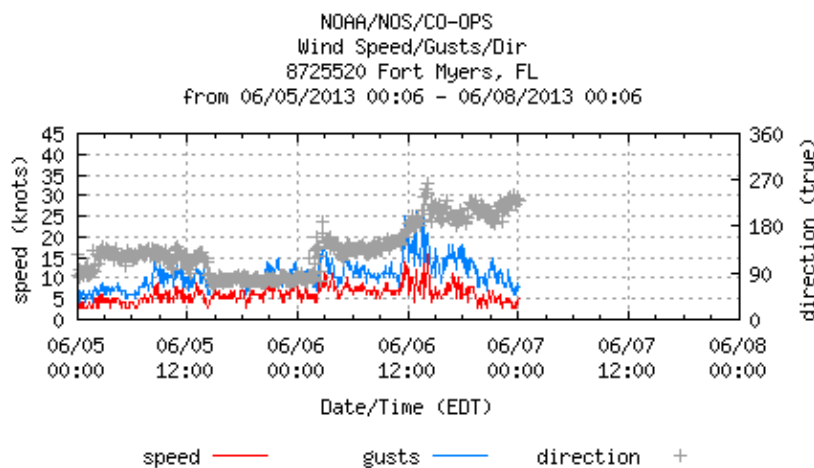


Last Observed Sample: 06/07/2013 00:06 (EDT)

Relative to MLLW: **Observed: 1.58 ft.** **Predicted: 0.02 ft.** **Residual: 1.56 ft.**

Historical Maximum Water Level: Nov 23 1988, 4.72 ft. above MLLW

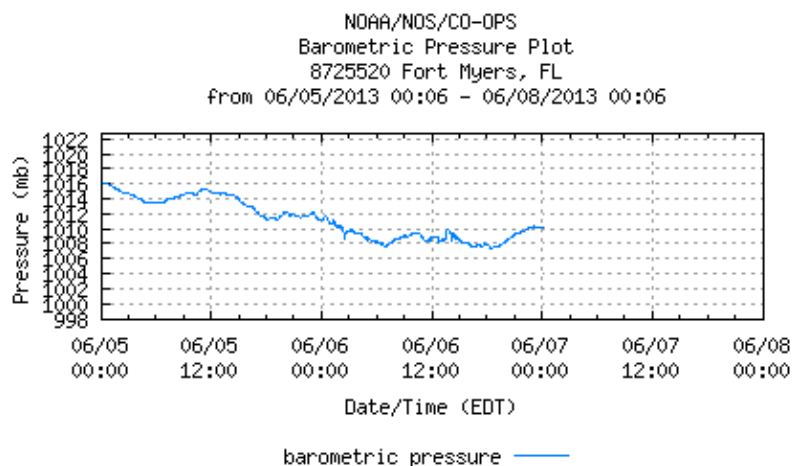
Fort Myers, FL - Return to List



Last Observed Sample: 06/07/2013 00:06 (EDT)

Wind Speed: 5 knots **Gusts: 8 knots** **Direction: 231° T**

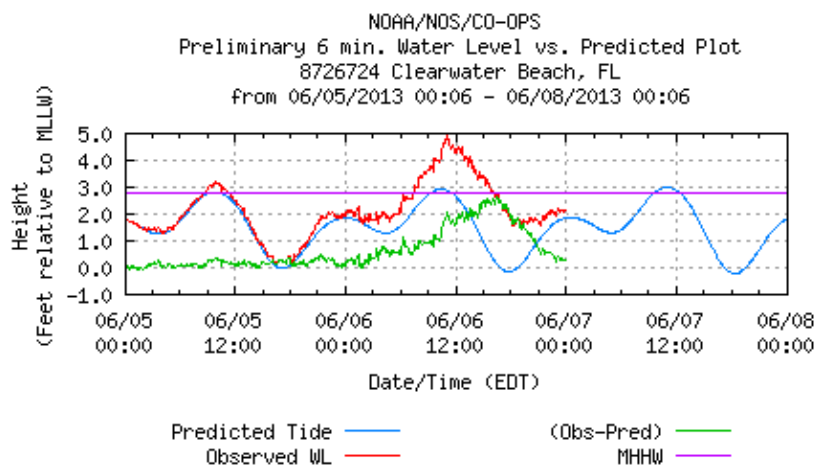
Fort Myers, FL - Return to List



Last Observed Sample: 06/07/2013 00:06 (EDT)

Barometric Pressure: 1010.2 mb

Clearwater Beach, FL - Return to List

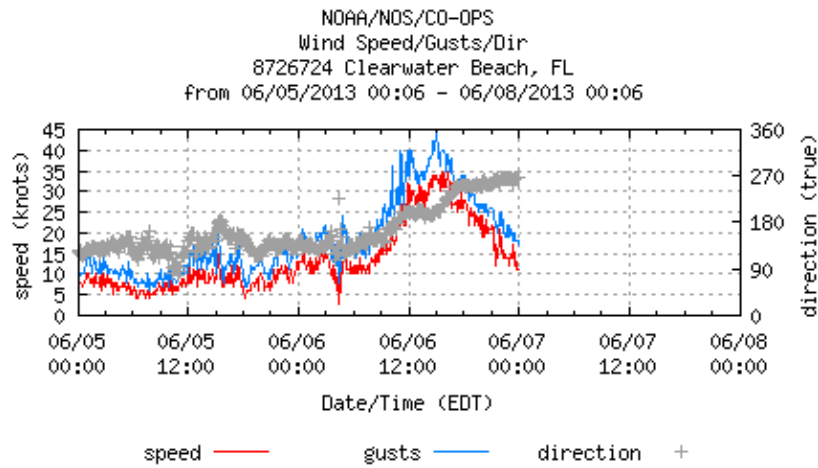


Last Observed Sample: 06/07/2013 00:06 (EDT)

Relative to MLLW: Observed: 2.19 ft. Predicted: 1.86 ft. Residual: 0.33 ft.

Historical Maximum Water Level: Mar 13 1993, 6.76 ft. above MLLW

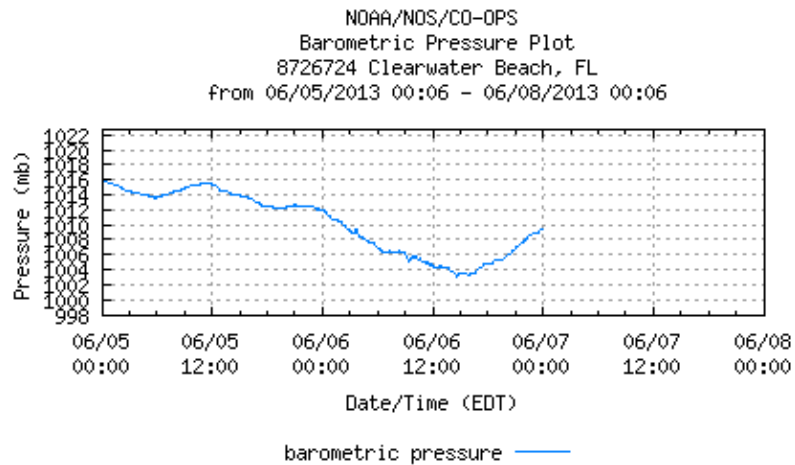
Clearwater Beach, FL - Return to List



Last Observed Sample: 06/07/2013 00:06 (EDT)

Wind Speed: 11 knots Gusts: 15 knots Direction: 269° T

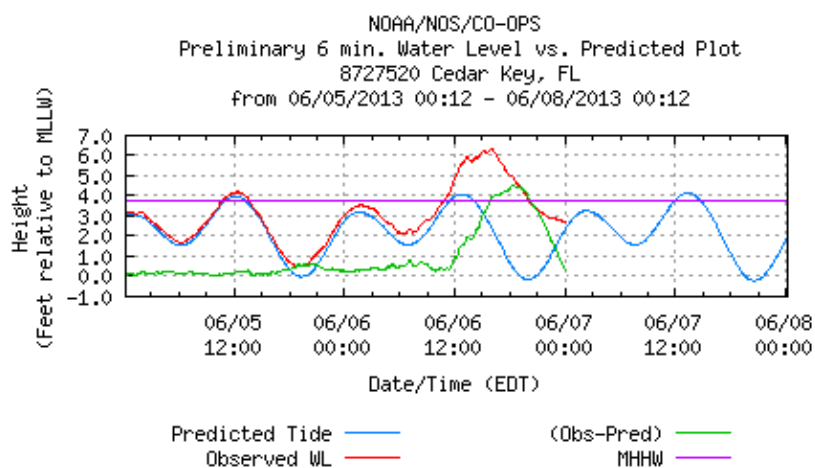
Clearwater Beach, FL - Return to List



Last Observed Sample: 06/07/2013 00:06 (EDT)

Barometric Pressure: 1009.3 mb

Cedar Key, FL - Return to List

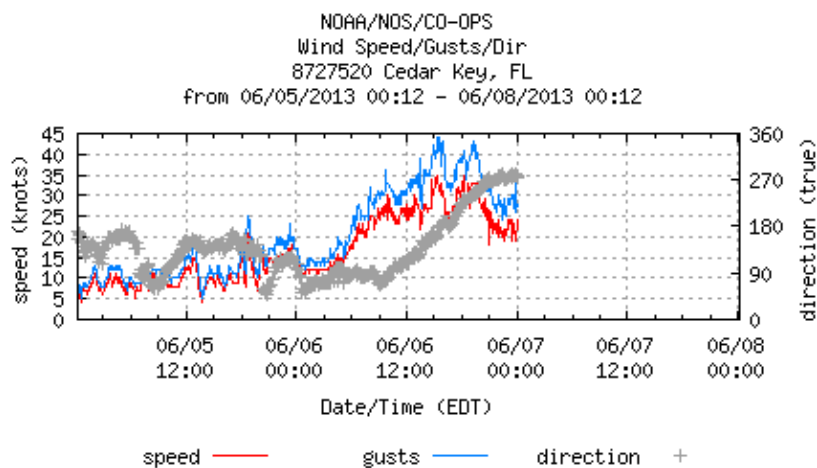


Last Observed Sample: 06/07/2013 00:06 (EDT)

Relative to MLLW: **Observed: 2.71 ft.** **Predicted: 2.41 ft.** **Residual: 0.30 ft.**

Historical Maximum Water Level: Oct 7 1996, 8.95 ft. above MLLW

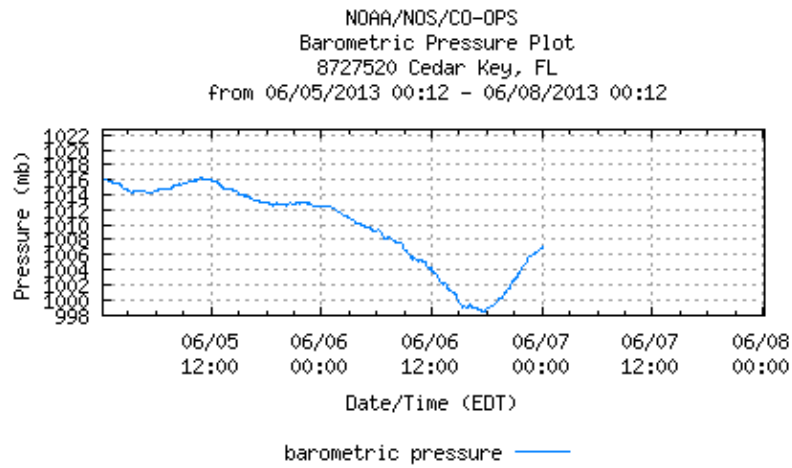
Cedar Key, FL - Return to List



Last Observed Sample: 06/07/2013 00:06 (EDT)

Wind Speed: 23 knots **Gusts: 28 knots** **Direction: 277° T**

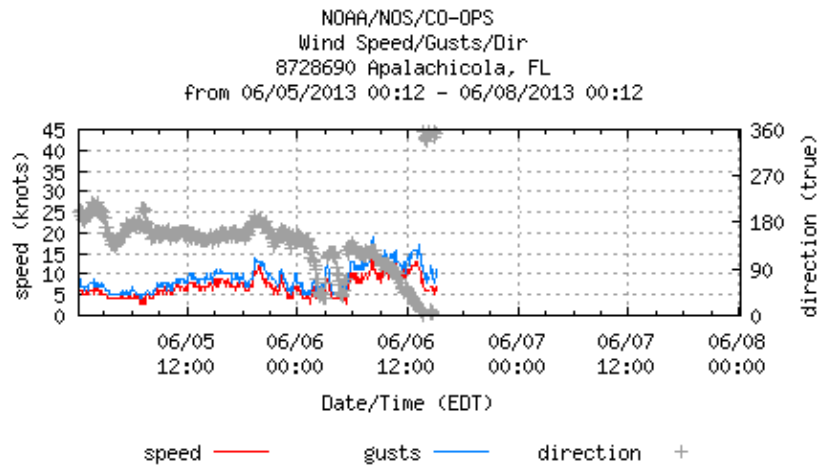
Cedar Key, FL - Return to List



Last Observed Sample: 06/07/2013 00:06 (EDT)

Barometric Pressure: 1007.0 mb

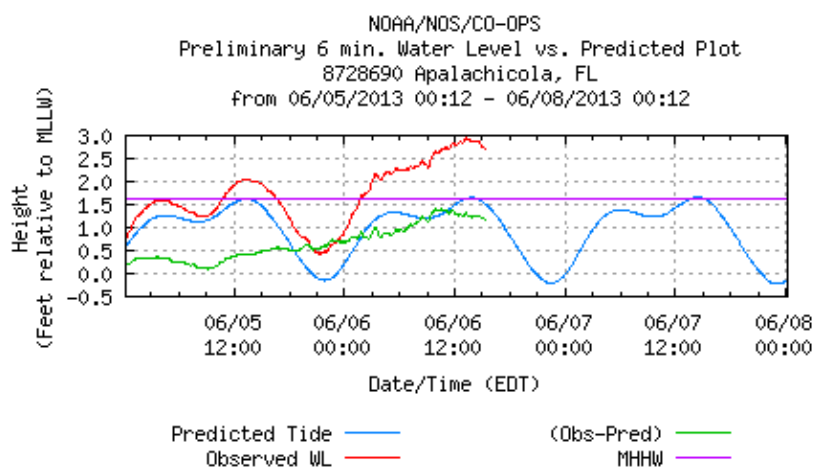
Apalachicola, FL - Return to List



Last Observed Sample: 06/06/2013 15:18 (EDT)

Wind Speed: 7 knots Gusts: 11 knots Direction: 351° T

Apalachicola, FL - Return to List

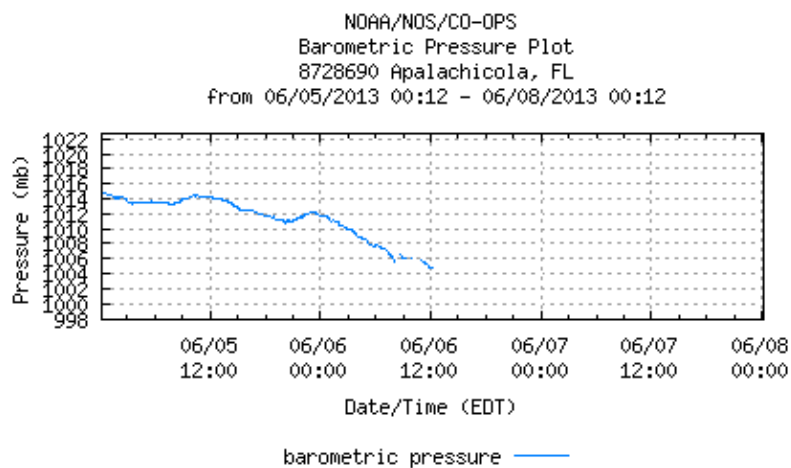


Last Observed Sample: 06/06/2013 15:18 (EDT)

Relative to MLLW: **Observed: 2.69 ft. Predicted: 1.52 ft. Residual: 1.17 ft.**

Historical Maximum Water Level: Jul 10 2005, 8.04 ft. above MLLW

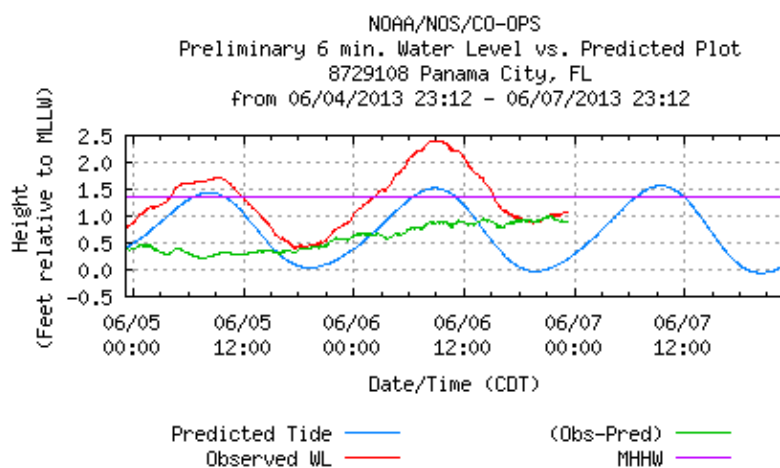
Apalachicola, FL - Return to List



Last Observed Sample: 06/06/2013 15:18 (EDT)

Barometric Pressure: 1004.7 mb

Panama City, FL - Return to List

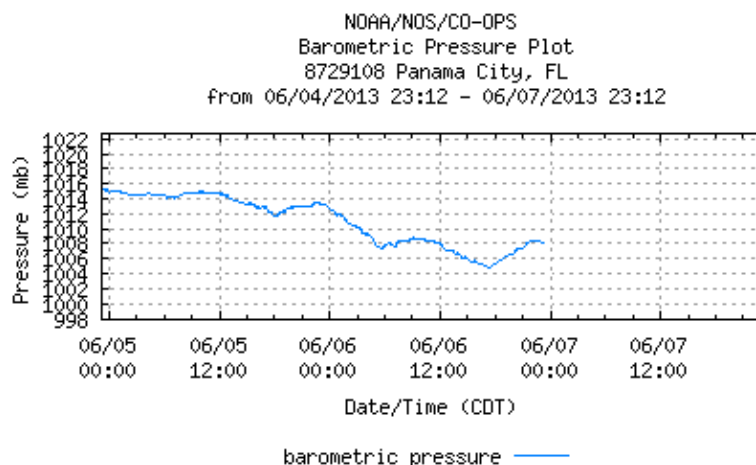


Last Observed Sample: 06/06/2013 23:12 (CDT)

Relative to MLLW: **Observed: 1.07 ft. Predicted: 0.19 ft. Residual: 0.88 ft.**

Historical Maximum Water Level: Oct 4 1995, 7.06 ft. above MLLW

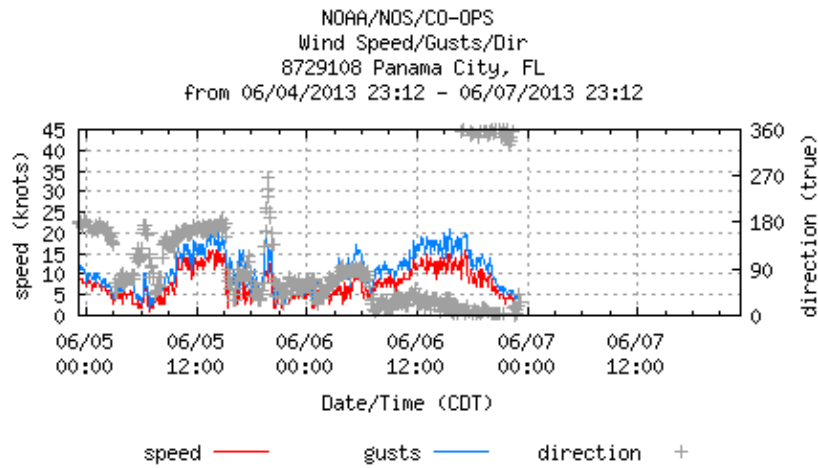
Panama City, FL - Return to List



Last Observed Sample: 06/06/2013 23:12 (CDT)

Barometric Pressure: 1008.2 mb

Panama City, FL - Return to List



Last Observed Sample: 06/06/2013 23:12 (CDT)

Wind Speed: 3 knots Gusts: 5 knots Direction: 26° T

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce